

What is Claimed is:

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1. A method of providing updated host screen information to a client application, the client application utilizing a request-response communications model, the method comprising:

5 establishing a first connection between the client application and a server application, wherein the server application provides updated host screen information to the client application in response to requests from the client application;

establishing a second connection between a monitor application and the server application;

10 receiving a notification of the availability of updated host screen information via the second connection at the monitor application;

requesting the updated host screen information over the first connection responsive to receiving the notification;

receiving the requested updated host screen information at the client application; and

15 displaying the received updated host screen information utilizing the client application.

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2. The method of Claim 1, wherein the client application comprises a web browser and wherein the monitoring application comprises notification code.

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3. The method of Claim 2, wherein the notification code is provided with updated host screen information, the method further comprising the steps of: extracting the notification code from the host screen information; and executing the notification code.

4. The method of Claim 2, wherein the updated host screen information comprises a Markup Language.

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A4 5. The method of Claim 1, wherein the host information comprises terminal emulation information.

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B1 6. The method of Claim 1, wherein the first and second connections are conducted via a single communications link.

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B3 7. The method of Claim 1, wherein the server application provides updated host screen information to a second client application in response to requests from the second client application, the method further comprising:

identifying the client application that requested the updated host screen
5 information.

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A5 8. A method of providing updated host screen information to a client application, the client application utilizing a request-response communications model, the method comprising:

5 establishing a first connection between the client application and a server application, wherein the server application provides updated host screen information to the client application in response to requests from the client application;

establishing a second connection between a monitoring application and the server application;

receiving updated host screen information from a host system;

10 transmitting a notification of the availability of updated host screen information to the monitoring application over the second connection responsive to receiving the updated host screen information;

receiving a request for the updated host screen information from the client application over the first connection; and

15 transmitting the received updated host screen information to the client application over the first connection in response to receiving the request for the updated host screen information from the client application.

9. The method of Claim 8, wherein the client application comprises a web browser and wherein the monitoring application comprises an notification code.

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10. The method of Claim 9, wherein the step of transmitting the received updated host screen information further comprises the step of incorporating the notification code in the updated host screen information transmitted to the client application.

11. The method of Claim 8, wherein the server application provides updated host screen information to a second client application in response to requests from the second client application, the method further comprising:

5 identifying the client application that requested the updated host screen information.

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12. A system of providing updated host screen information to a client application, the client application utilizing a request-response communications model, the system comprising:

5 means for establishing a first connection between the client application and a server application, wherein the server application provides updated host screen information to the client application in response to requests from the client application;

means for establishing a second connection between a monitor application and the server application;

10 means for receiving a notification of the availability of updated host screen information via the second connection at the monitor application;

means for requesting the updated host screen information over the first connection responsive to receiving the notification;

15 means for receiving the requested updated host screen information at the client application; and

means for displaying the received updated host screen information utilizing the client application.

13. The system of Claim 12, wherein the client application comprises a web browser and wherein the monitoring application comprises an notification code.

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14. The system of Claim 13, wherein the notification code is provided with updated host screen information, the system further comprising:

means for extracting the notification code from the host screen information;

and

means for executing the notification code.

15. The system of Claim 13, wherein the updated host screen information comprises a Markup Language.

16. The system of Claim 12, wherein the host information comprises terminal emulation information.

17. The system of Claim 12, wherein the first and second connections are conducted via a single communications link.

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18. The system of Claim 12, wherein the server application provides updated host screen information to a second client application in response to requests from the second client application, the system further comprising:

means for identifying the client application that requested the updated host screen information.

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an* 19. A system of providing updated host screen information to a client application, the client application utilizing a request-response communications model, the system comprising:

5 means for establishing a first connection between the client application and a server application, wherein the server application provides updated host screen information to the client application in response to requests from the client application;

means for establishing a second connection between a monitoring application and the server application;

10 means for receiving updated host screen information from a host system;

means for transmitting a notification of the availability of updated host screen information to the monitoring application over the second connection responsive to receiving the updated host screen information;

15 means for receiving a request for the updated host screen information from the client application over the first connection; and

means for transmitting the received updated host screen information to the client application over the first connection in response to receiving the request for the updated host screen information from the client application.

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C2* 20. The system of Claim 19, wherein the client application comprises a web browser and wherein the monitoring application comprises an notification code.

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B7* 21. The system of Claim 20, wherein the means for transmitting the received updated host screen information further comprises means for incorporating the notification code in the updated host screen information transmitted to the client application.

22. The system of Claim 19, wherein the server application provides updated host screen information to a second client application in response to requests from the second client application, the system comprising:

means for identifying the client application that requested the updated host screen information.

23. A computer program product that provides updated host screen information to a client application, the client application utilizing a request-response communications model, the computer program product comprising:

a computer-readable storage medium having computer-readable program code means embodied in said medium, said computer-readable program code means comprising:

computer readable program code means for establishing a first connection between the client application and a server application, wherein the server application provides updated host screen information to the client application in response to requests from the client application;

computer readable program code means for establishing a second connection between a monitor application and the server application;

computer readable program code means for receiving a notification of the availability of updated host screen information via the second connection at the monitor application;

computer readable program code means for requesting the updated host screen information over the first connection responsive to receiving the notification;

computer readable program code means for receiving the requested updated host screen information at the client application; and

computer readable program code means for displaying the received updated host screen information utilizing the client application.

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24. The computer program product of Claim 23, wherein the client application comprises a web browser and wherein the monitoring application comprises an notification code.

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25. The computer program product of Claim 24, wherein the notification code is provided with updated host screen information, the computer program product further comprising:

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computer readable program code means for extracting the notification code from the host screen information; and
computer readable program code means for executing the notification code..

26. The computer program product of Claim 24, wherein the updated host screen information comprises a Markup Language.

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27. The computer program product of Claim 23, wherein the host information comprises terminal emulation information.

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28. The computer program product of Claim 23, wherein the first and second connections are conducted via a single communications link.

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29. The computer program product of Claim 23, wherein the server application provides updated host screen information to a second client application in response to requests from the second client application, the computer program product further comprising:

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computer readable program code means for identifying the client application that requested the updated host screen information.

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30. A computer program product of providing updated host screen information to a client application, the client application utilizing a request-response communications model, the computer program product comprising:

a computer-readable storage medium having computer-readable program code means embodied in said medium, said computer-readable program code means comprising:

computer readable program code means for establishing a first connection between the client application and a server application, wherein the server application provides updated host screen information to the client application in response to requests from the client application;

computer readable program code means for establishing a second connection between a monitoring application and the server application;

computer readable program code means for receiving updated host screen information from a host system;

computer readable program code means for transmitting a notification of the availability of updated host screen information to the monitoring application over the second connection responsive to receiving the updated host screen information;

computer readable program code means for receiving a request for the updated host screen information from the client application over the first connection; and

computer readable program code means for transmitting the received updated host screen information to the client application over the first connection in response to receiving the request for the updated host screen information from the client application.

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31. The computer program product of Claim 30, wherein the client application comprises a web browser and wherein the monitoring application comprises an notification code.

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32. The computer program product of Claim 31, wherein the computer readable program code means for transmitting the received updated host screen information further comprises:

5 computer readable program code means for incorporating the notification code in the updated host screen information transmitted to the client application.

33. The computer program product of Claim 30, wherein the server application provides updated host screen information to a second client application in response to requests from the second client application, the computer program product comprising:

5 computer readable program code means for identifying the client application that requested the updated host screen information.

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34. A system for displaying updated host screen information utilizing a web browser, comprising:

a host server application;

5 a browser application configured to communicate with the host server application;

a first connection configured to provide communication between the host server application and the browser application;

10 a notification application operably associated with the browser application that notifies the browser application to request updated host screen information from the host server application for display by the browser application; and

a second connection, established by the notification application code, configured to provide communication between the host server application and the notification application.

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35. A system according to Claim 34, wherein the first and second connections comprise sockets.

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